CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

25X1

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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1. The following power stations are at present (sic) under construction in East Germany. It is planned to continue work on them during 1953, and at the same time to increase the capacity of existing power plants, notably at Luetzkendorf and Dessau, the latter to provide power for the aircraft industry whose reconstruction at this site is planned.

"Elbe" at Vockerode

2. This power station is to be completed in two parts, the first half is scheduled to be completed by October 1953, and will consist of:

a. 2 boilers (Kessel) each of 160 t/h at 80 atmospheres at 500° C.

b. 3 condensing engines (Kondensationsmaschinen), each of 32,000 K.W.
The second part, due for completion during 1955, will consist of:

c. 6 boilers each of 160 t/h at 80 atmospheres at 500° C.

d. 6 condensing engines, each of 32,000 K.W.

3. At present, work on "Elbe" Vockerode is behind schedule and its completion has not been given the highest priority. One of the 3 boilers was ready for installing, when the Russian authorities ordered its immediate shipment to the Soviet Union. This fact in itself means that the October 1953 completion date cannot be kept.

Trattendorf

4. Work on this power station has been postponed indefinitely because of shortages of materials. The power station has been designed to contain:

a. 4 boilers each of 160 t/h at 125 atmospheres, at 500° C.

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b. 2 condensing engines each of 75,000 K.W.

5. At present, there is some doubt as to whether the condensing engines designed to produce 75,000 K.W. can actually be built.

Calbe

6. The power plant at Calbe is designed to grow with, and supply, the E.W.W. (Eisen Werke West). At present, there are only three furnaces at Calbe, and the power plant currently under construction is to consist of:

a. 3 boilers each of 64 t/h at 40 atmospheres, at 460°.C.

b. 2 condensing engines each of 125,000 K.W.

c. 1 back-pressure engine (Gegendruckmaschine) of 1,200 K.W.

7. It is intended to increase the number of furnaces to 20 as and when money and materials can be found. The power plant is being constructed so as to allow for expansion when necessary.

Hirschfelde

8. The construction of this plant has been temporarily postponed. When completed, the power plant is to have:

a) 4 boilers each of 200 t/h at 125 atmospheres at 500° C.

b) 3 high-pressure engines (Vorschaltmaschinen) each of 25,000 K.W.

c) 1 outlet coupled engine (Nachschaltmaschine) of 50,000 K.W.

Zschornewitz

9. It is intended to complete this power station in 1953 in a modified form. The original design included:

a. 8 boilers each of 160 t/h at 125 atmospheres at 500°C.

b. 4 back-pressure engines each of 25,000 K.W.

c) 1 condensing engine of 25,000 K.W.

c) 1 condensing engine of 12,600 K.W.

10. The new plan only requires the construction of 4 boilers and 2 back-pressure engines at this plant.

Breitscheid[1]

11. Work continues on this power plant, which is due to be completed in February 1954. The plant is to consist of:

a. 2 boilers each of 50 t/h at 28 atmospheres at 425° C.

b. 2 condensing engines, each of 12,500 K.W.

Berzdorf

12. Work on this power plant has been indefinitely postponed. When completed, it is intended that the plant shall consist of:

a. 4 boilers each of 160 t/h at 125 atmospheres, at 500° C.

b. 2 high-pressure engines, each of 25,000 K.W.

c. 2 outlet coupled engines (Nachschaltmaschinen) eadh of 50,000 K.W.

Eisenhuettenkombinat Ost, Fuerstenberg/Oder

13. This power plant, which at present is receiving the highest priority, is designed to provide power for, and itself run on, waste gases supplied by Eisenhuettenkombinat Ost, Fuerstenberg/Oder. The plant is to have:

a. 6 boilers each of 80 t/h at 40 atmospheres at 450° C.

b. 5 condensing engines each giving 25,000 K.W.

14. It is intended to have two of the five condensing engines in operation by October 1953 and the remainder sometime during 1954.

1. [redacted] Comment: Probably Kraftwerk Rudolf Breitscheid, Halle/Saale (VVB Energiebezirk West) [illegible] 25X1